APR 2 6 2004 PTO/SB/21 (08-00) Approved for use through 10/31/2002 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number 09/892,649 Application Number TRANSMITTAL **FORM** June 28, 2001 Filing Date (to be used for all correspondence after initial filing) First Named Inventor Nemazie Group Art Unit 2111 **Examiner Name** R.N. Phan Attorney Docket Number 15548US01 Total Number of Pages in This Submission **ENCLOSURES** (check all that apply) Assignment Papers After Allowance Communication Fee Transmittal Form to Group (for an Application) Fee Attached Appeal Communication to Board Drawing(s) (sheets) Amendment and Response to of Appeals and Interferences Licensing-related Papers Restriction Requirement under 35 Appeal Communication to Group USC 1.21 Petition (Appeal Notice, Brief, Reply Brief) After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) **Provisional Application** Status Letter **Extension of Time Request** Power of Attorney, Revocation Other Enclosure(s) (please Change of Correspondence **Express Abandonment Request** identify below): Address Return-receipt post card Information Disclosure **Terminal Disclaimer** Statement Request for Refund PTO 1449/08A with RECEIVED CD Number of CD(s) ___ references Certified Copy of Priority APR 2 9 2004 Document(s) Technology Center 2100 Response to Missing Parts/ Incomplete Application Remarks Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Individual Name McAndrews Held & Malloy, Ltd. John A. Wiberg Registration No. (Attorney/Agent) 44,401 Name (Print/type) Date: April 23, 2004 Signature

EXPRESS MAIL DEPOS

"Express Mail" mailing label number: EL 848969419 US

Date of Deposit April 23, 2004.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Attorney Docket No. 15548US01) Conf. No.: 2024 the Application of: S. Nemazie et al. Customer No.: 23,446 Serial No.: 09/892,649 **EXPRESS MAIL** Label No.: EL 848969419 US Filed: June 28, 2001 MIXED-SIGNAL SINGLE-CHIP For: INTEGRATED SYSTEM Date: April 23, 2004 **ELECTRONICS FOR DATA** STORAGE DEVICES R.N. Phan Examiner: Group Art Unit: 2111

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

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MS: Non-fee Amendment Commissioner for Patents PO Box 1450

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Sir:

This paper responds to the Office Action mailed March 23, 2004.

In response to the restriction requirement, Applicants hereby elect group I, claims 1-45.

Claims 46 and 47 are cancelled herewith as shown in the amended claims that follow.

Amendments to the claims are reflected in the listing of claims which begin on page 2.

Remarks begin on page 13.